



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 98968

TO: Jeanine Goldberg
Location: o 12D11; m 12E12
Art Unit: 1634
Wednesday, July 16, 2003

Case Serial Number: 10/018211

From: Barb O'Bryen
Location: Biotech-Chem Library
CM1-6A05
Phone: 308-4291

barbara.obryen@uspto.gov

Search Notes

O'Bryen, Barbara

From: Goldberg, Jeanine
Sent: Monday, July 14, 2003 8:50 AM
To: O'Bryen, Barbara
Subject: 10/018,211 giardia

Please search SEQ ID NO: 1-6 with less than 150 base pairs. Please print 30 hits or all 100% matches.
Please perform a registry search of SEQ ID NO: 1-6 with less than 100 nucleotides.

Thank you
Jeanine

Jeanine Enewold Goldberg
1634
CM1--12D11
Mailbox-- 12E12
306-5817



US-10-018-211-1
gcgtcccggtgagcggg

US-10-018-211-2
gcccgaggcgcccgcccl

US-10-018-211-3
tggcccgctcgctcgcl

US-10-018-211-4
cggcgggggccaactacl

US-10-018-211-5
gcgggtccaacgggctgcl

US-10-018-211-6
cggggtcgccgggagcg

gcgaccgggugagcggg

gcccgcgggagcccgccc

ugggcccgcacgacacgc

cgccggggccaaacac

gcgggaccacaggcccg

cggggcugccgagggcg

cccgcacaccgggacgc

gggaggagcccgaggc

ggagagagggaggccca

gucgungggccccgcgc

caggccgucggaccgcgc

cgccgcgaggagccccg

=> fil reg; d que l5
FILE 'REGISTRY' ENTERED AT 15:26:49 ON 14 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2003 HIGHEST RN 547695-13-6
DICTIONARY FILE UPDATES: 13 JUL 2003 HIGHEST RN 547695-13-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STN Note 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

seq 1-3 & complements

L3 222 SEA FILE=REGISTRY ABB=ON GCGUCCCGGGUGAGCGGG|CCCGCUCACCCGGGACGC
|GCCCCGCGGGCGCCCCGCC|GGGCGGGCGCCCCGCGGGC|UGGGCCCCGCCUCGCUCGC|GCGAG
CGAGGCGGGCCCA/SQSN
L4 139 SEA FILE=REGISTRY ABB=ON CGGCGGGGGGCCAACUAC|GUAGUUGGCCCCCGCCG
|GCGGGUCCAACGGGCCUG|CAGGCCCGUUGGACCCGC|CGGGGCGCCGCGGCGCG|CGCGC
CGCGGCAGCCCCG/SQSN
L5 13 SEA FILE=REGISTRY ABB=ON (L3 OR L4) AND SQL<100

Seq 4-6 & complements

=> d rn cn kwic nte lc l5 1-13

L5 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2003 ACS
RN 314102-58-4 REGISTRY *Use Registry # to match sequence to citation*
CN DNA, d(C-G-C-G-C-C-G-C-G-G-C-A-G-C-C-C-C-G) (9CI) (CA INDEX NAME)
OTHER NAMES:

CN 12: PN: WO0078781 SEQID: 12 claimed DNA

SQL 18

SEQ 1 cgcgcgcgcgc cagcccccg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2003 ACS
RN 314102-57-3 REGISTRY
CN DNA, d(C-A-G-G-C-C-C-G-T-T-G-G-A-C-C-C-G-C) (9CI) (CA INDEX NAME)
OTHER NAMES:

CN 11: PN: WO0078781 SEQID: 11 claimed DNA

SQL 18

SEQ 1 caggcccggtt ggacccgc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2003 ACS
RN 314102-56-2 REGISTRY
CN DNA, d(G-T-A-G-T-T-G-G-C-C-C-C-C-C-G-C-C-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 10: PN: WO0078781 SEQID: 10 claimed DNA
SQL 18

SEQ 1 gtagttggcc ccccgccg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-55-1 REGISTRY

CN DNA, d(G-C-G-A-G-C-G-A-G-G-C-G-G-G-C-C-C-A) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 9: PN: WO0078781 SEQID: 9 claimed DNA

SQL 18

SEQ 1 gcgagcgagg cgggccca
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-54-0 REGISTRY

CN DNA, d(G-G-G-C-G-G-G-C-G-C-C-C-G-C-G-G-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 8: PN: WO0078781 SEQID: 8 claimed DNA

SQL 18

SEQ 1 gggcgggcgc ccgcgggc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-53-9 REGISTRY

CN DNA, d(C-C-C-G-C-T-C-A-C-C-C-G-G-G-A-C-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: WO0078781 SEQID: 7 claimed DNA

SQL 18

SEQ 1 cccgctcacc cgggacgc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-52-8 REGISTRY

CN DNA, d(C-G-G-G-G-C-T-G-C-C-G-C-G-G-C-G-C-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 6: PN: WO0078781 SEQID: 6 claimed DNA

SQL 18

SEQ 1 cggggctgcc gcggcgcg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-51-7 REGISTRY

CN DNA, d(G-C-G-G-G-T-C-C-A-A-C-G-G-G-C-C-T-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5: PN: WO0078781 SEQID: 5 claimed DNA

SQL 18

SEQ 1 gcgggtccaa cgggcctg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-50-6 REGISTRY

CN DNA, d(C-G-G-C-G-G-G-G-G-C-C-A-A-C-T-A-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 4: PN: WO0078781 SEQID: 4 claimed DNA

SQL 18

SEQ 1 cggcgggggg ccaactac
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-49-3 REGISTRY

CN DNA, d(T-G-G-G-C-C-C-G-C-C-T-C-G-C-T-C-G-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: WO0078781 SEQID: 3 claimed DNA

SQL 18

SEQ 1 tgggcccggc tcgctcgc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-48-2 REGISTRY

CN DNA, d(G-C-C-C-G-C-G-G-G-C-G-C-C-C-G-C-C-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO0078781 SEQID: 2 claimed DNA

SQL 18

SEQ 1 gcccgcgggc gcccgccc
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 314102-47-1 REGISTRY

CN DNA, d(G-C-G-T-C-C-C-G-G-G-T-G-A-G-C-G-G-G) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO0078781 SEQID: 1 claimed DNA

SQL 18

SEQ 1 gcgtcccggg tgagcggg
=====

HITS AT: 1-18

LC STN Files: CA, CAPLUS

L5 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2003 ACS

RN 138159-92-9 REGISTRY

CN DNA, d(C-T-C-C-G-C-G-G-C-G-C-G-G-G-C-T-G-T-G-G-G-C-C-C-G-C-C-T-C-G-C-T-C-G-C-G-C-G) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Deoxyribonucleic acid, d(C-T-C-C-G-C-G-G-C-G-C-G-G-G-C-T-G-T-G-G-G-C-C-C-G-C-C-T-C-G-C-T-C-G-C-G-C-G)

SQL 38

SEQ 1 ctccgcggcg cgggctgtgg gccgcctcg ctgcgcg

Seq 3

HITS AT: 18-35

NTE singlestranded

LC STN Files: CA, CAPLUS, USPATFULL

=> fil capl uspatf; s 15

FILE 'CAPLUS' ENTERED AT 15:27:27 ON 14 JUL 2003

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FILE 'USPATFULL' ENTERED AT 15:27:27 ON 14 JUL 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

L6 3 L5

=> dup rem l6

PROCESSING COMPLETED FOR L6

L7 3 DUP REM L6 (0 DUPLICATES REMOVED)

ANSWERS '1-2' FROM FILE CAPLUS

ANSWER '3' FROM FILE USPATFULL

=> d ibib ab hitrn 1-3; fil hom

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2000:911272 CAPLUS

DOCUMENT NUMBER: 134:67138

TITLE: Detection of Giardia using probes targeted to its 18S rRNA

INVENTOR(S): Dorsch, Matthias Rudolf; Veal, Duncan Adam

PATENT ASSIGNEE(S): Macquarie Research Ltd., Australia

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000078781	A1	20001228	WO 2000-AU689	20000619
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1196425	A1	20020417	EP 2000-936556	20000619
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003502073	T2	20030121	JP 2001-504942	20000619
PRIORITY APPLN. INFO.: AU 1999-1056 A 19990618 WO 2000-AU689 W 20000619				

(own work)

AB Oligonucleotide mols. for the detection of Giardia lamblia (G. lamblia) which mols. hybridize under medium to high stringency conditions to unique 18S rDNA/rRNA sequences of G. lamblia, and methods for the detection of the presence of viable cells of G. lamblia in samples using the

oligonucleotide mols.

IT 314102-47-1 314102-48-2 314102-49-3
314102-50-6 314102-51-7 314102-52-8
314102-53-9 314102-54-0 314102-55-1
314102-56-2 314102-57-3 314102-58-4

} use Registry #
to match citation
to sequence

RL: ARG (Analytical reagent use); PRP (Properties); ANST (Analytical study); USES (Uses)

(nucleotide sequences of probes; detection of Giardia using probes targeted to 18S rRNA)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1992:16705 CAPLUS

DOCUMENT NUMBER: 116:16705

TITLE: Nucleic acid probes for the detection of Giardia lamblia

INVENTOR(S): Shah, Jyotsna S.; Buharin, Amelia; Lane, David J.

PATENT ASSIGNEE(S): Gene-Trak Systems, USA

SOURCE: Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 453290	A2	19911023	EP 1991-303479	19910418
EP 453290	A3	19921119		
EP 453290	B1	19961023		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
AU 9174295	A1	19911024	AU 1991-74295	19910410
CA 2040802	AA	19911019	CA 1991-2040802	19910415
CA 2040583	AA	19911019	CA 1991-2040583	19910416
JP 05068594	A2	19930323	JP 1991-86813	19910418
JP 3048665	B2	20000605		
AT 144557	E	19961115	AT 1991-303479	19910418
US 5558989	A	19960924	US 1994-239949	19940509

PRIORITY APPLN. INFO.:
US 1990-510476 A 19900418
US 1992-877256 B1 19920428
US 1993-123862 B1 19930920

AB Oligonucleotide probes specific for the rRNA of the intestinal parasite Giardia lamblia for use in diagnosis are described. Specificity of these probes for G. lamblia rRNA over that of other intestinal microflora is demonstrated.

IT 138159-92-9

RL: BIOL (Biological study)

(Giardia lamblia rRNA oligonucleotide probe)

Seq. 3
@ 18-25

L7 ANSWER 3 OF 3 USPATFULL

ACCESSION NUMBER: 96:87480 USPATFULL

TITLE: Nucleic acid probes for the detection of Giardia lamblia

INVENTOR(S): Shah, Jyotsna S., Nashua, NH, United States
Buharin, Amelia, Roslindale, MA, United States
Lane, David J., Milford, MA, United States

PATENT ASSIGNEE(S): Amoco Corporation, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5558989		19960924
APPLICATION INFO.:	US 1994-239949		19940509 (8)

Seq. 3

RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-123862, filed on 20 Sep 1993, now abandoned which is a continuation of Ser. No. US 1992-877256, filed on 28 Apr 1992, now abandoned which is a continuation of Ser. No. US 1990-510476, filed on 18 Apr 1990, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Parr, Margaret
ASSISTANT EXAMINER: Tran, Paul B.
LEGAL REPRESENTATIVE: Galloway, Norval B.
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 8
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 761

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a method of selectively detecting Giardia lamblia in a sample. The method makes use of at least one nucleic acid probe which is a DNA or PNA sequence which hybridizes, under appropriate conditions, to the ribosomal RNA or the ribosomal DNA of Giardia lamblia but does not hybridize to the ribosomal RNA or the ribosomal DNA of other organisms (non-Giardia lamblia organisms) which may be present in a sample.

IT **138159-92-9**
(Giardia lamblia rRNA oligonucleotide probe)

FILE 'HOME' ENTERED AT 15:27:40 ON 14 JUL 2003